



Re: Northrop Grumman's Response to EPA's 6 March 2012 Email

Raymond Chavira to: Kwan, Joseph P (CO)

03/20/2012 01:17 PM

Cc: "Brown, Elizabeth C. (Law)", Kelly Manheimer, Lewis Maldonado,
"Pete MacNicholl (pmacnich@dtsc.ca.gov)"

Joe,

Please send two sets of hard copies of the attached documents.

Thank you in advance.

Ray

"Kwan, Joseph P (CO)"

Ray - Attached is Northrop Grumman's res...

03/16/2012 07:12:46 PM

From: "Kwan, Joseph P (CO)" <Joe.Kwan@ngc.com>
To: Raymond Chavira/R9/USEPA/US@EPA
Cc: "Brown, Elizabeth C. (Law)" <Elizabeth.C.Brown@ngc.com>, Kelly
Manheimer/R9/USEPA/US@EPA, Lewis Maldonado/R9/USEPA/US@EPA, "Pete MacNicholl
(pmacnich@dtsc.ca.gov)" <pmacnich@dtsc.ca.gov>
Date: 03/16/2012 07:12 PM
Subject: Northrop Grumman's Response to EPA's 6 March 2012 Email

Ray – Attached is Northrop Grumman's response to your 6 March 2012 email. There should be three attachments.

1. A letter from Northrop Grumman
2. A Technical Memorandum from Orion
3. A Memorandum from CDM Smith

Please note that due to the size, the "attachments" referred to in Orion's memorandum are not included in that PDF file. They have instead been uploaded to Orion's FTP site and are available for download from there. To access the FTP site, click on the following link:

<http://ftp2.orionenv.com/dm/index.php?interface=download&hash=0b30896f39156f1e57454b25192c0c57>

Please feel free to call if you have any questions on this submittal.

-Joe-

Joseph P. Kwan

Corporate Director, Environmental Remediation
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From: Raymond Chavira [mailto:Chavira.Raymond@epamail.epa.gov]

Sent: Tuesday, March 06, 2012 7:52 PM

To: Kwan, Joseph P (CO)

Cc: Brown, Elizabeth C. (Law); Brown, Elizabeth C. (Law); Brown, Elizabeth C. (Law); Lewis Maldonado; Kelly_Manheimer/R9/USEPA/US@EPA.epa.gov

Subject: EXT :Action Items for NGC - Due March 16, 2012

Joe,

It was good to meet with you and Elizabeth today. Per our discussion, Northrop will submit the following to EPA by Friday March 16, 2012:

A letter signed by you, accompanied by a Technical Memorandum, explaining why Northrop did not provide the Regional Board, EPA, or other relevant entity with the data collected as part of the 2002/3 Deep Source Investigation. The Tech Memo shall include CPT, groundwater, and soil bore (DB) data. EPA originally requested the Tech Memo on 1/26/2012 (see attached).

The Tech Memo shall include any work plans, all data packages, and any data analysis performed by Northrop Grumman or consultant(s) to Northrop Grumman as part of the DSI. In addition, the Tech Memo shall include a list of all work products produced since the 2002/3 DSI that did not include the data collected during the DSI. The letter and Tech Memo shall also describe any and all modeling efforts associated with Benchmark from 1987 to present, the dates the data were provided to CDM, and why Northrop and its consultants did not include DSI-related data in Benchmark or regional modeling efforts to date. In addition, please describe why permanent wells were not installed as part of the DSI.

We also agreed today that by March 8, 2012, Northrop would notify EPA as to a date by which Northrop will be able to ascertain when CDM first had access to any of the CPT data and whether CDM has used any of that data in the development of its groundwater modeling, pumping simulations, or the like for the Benchmark facility or the Intermediate Zone.

Please call me if you have any questions related to this request. For legal questions, your attorney may contact Lewis Maldonado at 415.972-3926

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[attachment "2012-0316-Benchmark-ltr to EPA re 6Mar12 Information Request.pdf" deleted by Raymond Chavira/R9/USEPA/US] [attachment "2012-0316-Benchmark-Source Area Investigation Memo (no attachments).pdf" deleted by Raymond Chavira/R9/USEPA/US] [attachment "2012-0315-Puente-PVOU Modeling Work Memo.pdf" deleted by Raymond Chavira/R9/USEPA/US]